

Amendments to the Specification

Please replace the first paragraph on page 5 of the specification with the following replacement paragraph (marked to show changes made relative to the immediate prior version):

Referring now to Fig. 3 there is illustrated schematically an application indicating it is also possible to considerably shorten iterative processes in setting the measuring apparatuses, an example of which is a vessel 36 to be filled at the top by means of a pump 38 and emptied at the bottom via a discharge closed off by means of an adjustable valve, a measuring apparatus 42 dictating the material level in the vessel 36. From the simulation by means of the apparatus model memorized in the measuring apparatus 42 and loadable into the control unit 18 it can be recognized directly whether the pump ~~36~~38, for example, supplies more material than is discharge via the valve 40 so that the valve needs to be opened already at a lower material level. When this problem is "seen" in simulation and all relevant variables have been defined, the dimensioning thereof can be undertaken for the desired correct behaviour.